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```
=> screen 2067
        SCREEN CREATED
  Uploading C:\Program Files\Stnexp\Queries\10054532-1.str
          STRUCTURE UPLOADED
  => que L2 AND L1
      QUE L2 AND L1
  => d
                                    STN- CAS Search
 L3 HAS NO ANSWERS
 Ll
                 SCR 2067
 L2
                 STR
Structure attributes must be viewed using STN Express query preparation. L3 QUE ABB=ON PLU=ON L2 AND L1
 => s 13 sss sam
 SAMPLE SEARCH INITIATED 11:59:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -
                                    16 TO ITERATE
100.0% PROCESSED
                      16 ITERATIONS
                                                                1 ANSWERS
SEARCH TIME: 00.00.01
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                                **COMPLETE**
                         BATCH
PROJECTED ITERATIONS:
                                80 TO
                                            560
PROJECTED ANSWERS:
                                 1 TO
                                             80
              1 SEA SSS SAM L2 AND L1
=> d
     ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
L4
     31853-30-2 REGISTRY
     Succinic acid, methylene-, polymer with 1,1-dichloroethylene,
CN
     2,5-dihydrothiophene 1,1-dioxide and methyl acrylate (8CI) (CA INDEX
     (C5 H6 O4 . C4 H6 O2 S . C4 H6 O2 . C2 H2 C12)x
MF
CI
     PMS
PCT Chloropolymer, Polyacrylic, Polyother, Polyvinyl
LC
     STN Files: CA, CAPLUS
     CM
    CRN 97-65-4
    CMF C5 H6 O4
     CH<sub>2</sub>
    CM
    CRN 96-33-3
    CMF C4 H6 O2
```

CM :

CRN 77-79-2 CMF C4 H6 O2 S CH=CH2



CM 4

CRN 75-35-4 CMF C2 H2 C12

 $CH_{C1-C-C1}$ ) how

1 REFERENCES IN FILE CA (1937 TO DATE) 1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> FIL CAPLUS HCAPLUS USPATFUL COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY SESSION 2.08 2.29

FILE 'CAPLUS' ENTERED AT 11:59:55 ON 13 SEP 2003 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE 'USPATFULL' ENTERED AT 11:59:55 ON 13 SEP 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s 14

L5 ·

=> d 15 1-2 ibib hitstr

2 L4

L5 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: DOCUMENT NUMBER:

1967:86765 CAPLUS

TITLE:

66:86765

PATENT ASSIGNEE(S):

Vinylidene chloride copolymers for use as coatings  ${\tt CIBA}$   ${\tt Ltd}$ .

SOURCE:

Neth. Appl., 14 pp.

DOCUMENT TYPE: CODEN: NAXXAN

LANGUAGE:

Patent Dutch

FAMILY ACC. NUM. COUNT:

Dutch

PATENT INFORMATION:

PATENT NO.	KINI	DATE	i	APPLICATION NO.	DATE
***					
NL 6606757		19661121			
CH 449264					
DE 1595413			(	CH	
· ·			I	DE	
FR 1478817			_	_	
GB 1082037			_	FR	
			G	3B	
US 3449302		19690000	1	JS	
PRIORITY APPLN. INFO.:			_	,,,	
			CH		19650518
IT 31853-30-2, uses	and	miscellaneous			

RL: USES (Uses) (coatings of) 31853-30-2 CAPLUS RN Succinic acid, methylene-, polymer with 1,1-dichloroethylene, CN 2,5-dihydrothiophene 1,1-dioxide and methyl acrylate (8CI) (CA INDEX NAME) CM 1 CRN 97-65-4 CMF C5 H6 O4 ÇH2 CM 2 CRN 96-33-3 CMF C4 H6 O2 - сн== сн2 CM CRN 77-79-2 C4 H6 O2 S CM CRN 75-35-4 CMF C2 H2 Cl2 CH<sub>2</sub> C1-C-C1 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2003 ACS on STN ACCESSION NUMBER: 1967:86765 HCAPLUS 66:86765 DOCUMENT NUMBER: Vinylidene chloride copolymers for use as coatings TITLE: PATENT ASSIGNEE(S): CIBA Ltd. Neth. Appl., 14 pp. CODEN: NAXXAN SOURCE: DOCUMENT TYPE: Patent LANGUAGE: Dutch FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION: APPLICATION NO. PATENT NO. KIND DATE DATE NL 6606757 19661121 CH 449264 CH DE 1595413 DE FR 1478817 FR GB 1082037 GB

19690000

31853-30-2, uses and miscellaneous

US

CH

19650518

US 3449302

PRIORITY APPLN. INFO.:

RL: USES (Uses)

(coatings of) 31853-30-2 HCAPLUS RN

Succinic acid, methylene-, polymer with 1,1-dichloroethylene, 2,5-dihydrothiophene 1,1-dioxide and methyl acrylate (8CI) (CA INDEX CN

CM 1

CRN 97-65-4 CMF C5 H6 O4

CH<sub>2</sub>  $HO_2C-C-CH_2-CO_2H$ 

CM

CRN 96-33-3 CMF C4 H6 O2

- С- СН- СН2

CM 3

77-79-2 CRN CMF C4 H6 O2 S



CM

CRN 75-35-4 CMF C2 H2 Cl2

СН<sub>2</sub>

=> file reg COST IN U.S. DOLLARS

SINCE FILE TOTAL SESSION ENTRY 12.51 10.22

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 11 SEP 2003 HIGHEST RN 583810-73-5 DICTIONARY FILE UPDATES: 11 SEP 2003 HIGHEST RN 583810-73-5

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

'n

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Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf
=> d his
       (FILE 'HOME' ENTERED AT 11:59:20 ON 13 SEP 2003)
       FILE 'REGISTRY' ENTERED AT 11:59:25 ON 13 SEP 2003
                     SCREEN 2067
L1
                     STRUCTURE UPLOADED
L2
                     QUE L2 AND L1
L3
                   1 S L3 SSS SAM
L4
       FILE 'CAPLUS, HCAPLUS, USPATFULL' ENTERED AT 11:59:55 ON 13 SEP 2003
L5
       FILE 'REGISTRY' ENTERED AT 12:00:45 ON 13 SEP 2003
 => d 14 1
       ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN
L4
       31853-30-2 REGISTRY
       Succinic acid, methylene-, polymer with 1,1-dichloroethylene, 2,5-dihydrothiophene 1,1-dioxide and methyl acrylate (8CI) (CA INDEX
 RN
CN
        (C5 H6 O4 . C4 H6 O2 S . C4 H6 O2 . C2 H2 C12) \times
 MF
 PCT Chloropolymer, Polyacrylic, Polyother, Polyvinyl LC STN Files: CA, CAPLUS
 CI
       PMS
        CM
              1
        CRN 97-65-4
        CMF C5 H6 O4
         CH<sub>2</sub>
           - cн<sub>2</sub>-- со<sub>2</sub>н
 HO2C-
        - C
        CM
        CRN 96-33-3
        CMF
               C4 H6 O2
  MeO-C-CH-CH2
```

CRN 77-79-2 CMF C4 H6 O2 S

CM 4

CRN 75-35-4

CMF C2 H2 C12

1 REFERENCES IN FILE CA (1937 TO DATE)
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 2.08 14.59

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 11 SEP 2003 HIGHEST RN 583810-73-5 DICTIONARY FILE UPDATES: 11 SEP 2003 HIGHEST RN 583810-73-5

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details: http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

=> S 77-79-2/RN

L6 · 1 77-79-2/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND SET COMMAND COMPLETED

=> D L6 RN CCN 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):Y THE ESTIMATED COST FOR THIS REQUEST IS 1.68 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L6 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS on STN

RN 77-79-2 REGISTRY

Thiophene, 2,5-dihydro-, 1,1-dioxide (6CI, 7CI, 8CI, 9CI) (CA INDEX NAME)
OTHER NAMES:

CN .beta.-Sulfolene; 2,5-Dihydrothiophene 1,1-dioxide; 2,5-Dihydrothiophene dioxide; 2,5-Dihydrothiophene S,S-dioxide; 2,5-Dihydrothiophene sulfone; 3-Sulfolene; NSC 48532; NSC 56373; Sulfolene; Sulpholene

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND SET COMMAND COMPLETED